

ABSTRACT OF THE DISCLOSURE

A method and apparatus of sorting plant products based on damage to the plant products is disclosed. A beam emitter emits an illumination light toward the outer surface of a plant product. A beam detector detects substantially a single wavelength of a reflected light produced by the plant product responsive to the illumination light. A control unit determines at least one of a presence, an amount, and a severity of damage responsive to the reflected light. The control unit assigns a damage category to the plant product responsive to the determination of damage.